

DA-SDI-HDTV USER MANUAL

SDI to HDMI/DVI CONVERTER w/o SCALER

Package Contents

- DA-SDI-HTDV
- User Manual
- Power Supply (5V 3.2A)
- Stereo Phone Jack (1 x 2)
- 75 Ω Terminator
- RJ45 to HDMI Adapter (6")
- RJ45 to DVI Adapter (6")
- Power Supply Fastener
- Magnetic Mounting Plate
- Mounting Screws

Features

- Supports 3G /HD/SD-SDI input
- 2 3G/HD/SD-SDI looping outputs
- Supports 16 channels of embedded audio
- AES and Analog audio monitoring output
- Rotary switch to select the AES/AA pair for monitoring
- Built-in RJ45 extender outputs
 - Up to 35 feet when used with HDMI-SR/DVI-SR
 - Up to 115 feet when used with HDMI-1-R/DVI-1-LR
- Comes with HDMI or DVI adapters to accommodate different displays

Specifications

MODEL	DA-HDTV-SDI
DESCRIPTION	SDI to HDMI/DVI Converter with 2 Looping Input and
INPUT	1 x SDI
OUTPUT	2 x SDI (loop-out), 1 Stereo Audio (Phone Jack), AES
ADJUSTMENTS	Rotary dial for audio monitoring selection
MAXIMUM RESOLUTION	1920x1080p.
MOUNT	Magnetic
POWER	5V 3.2A
DIMENSION	62 W x 112 D x 29 H (mm)

DA-SDI-HDTV FRONT VIEW



1. Power Supply Fastener
2. 5V 3.2A Power Input
3. AES Audio output
4. SDI Loop out 2 (Terminator should be applied when not in use)
5. SDI Loop out 1
6. SDI Input

DA-SDI-HDTV REAR VIEW



1. HDMI/DVI (RJ45) output
2. Rotary Switch for selecting audio monitoring pair
3. Analog Audio monitoring stereo phone jack

DA-SDI-HDTV TOP VIEW



1. Status Indicator - Turns Green when powered on, turns amber when SDI signal is locked on

Installation

- Connect the power supply and, if needed, lock the 5 VDC power jack with the supplied accessories (There is a small transparent plastic bag containing the PS holder and screws (x2) as well as two other screws for mounting the metal base).
- Use the RJ-45 to HDMI adapter cable, for HDMI monitors, use the RJ-45 to DVI adapter cable, for DVI monitors
- Turn the rotary switch for audio monitoring
- For example: position 1 = Group 1, channel 1 and 2, position 2 = Group 2, channel 3 and 4 and so on ...
- Connect the SDI loop through, if needed

Supported Formats

SDI INPUT	HDMI/DVI OUTPUT
1080p60	1920x1080p 60Hz
1080p59.94	1920x1080p 59.94Hz
1080p50	1920x1080p 50Hz
1080i60	1920x1080i 60Hz
1080i59.94	1920x1080i 59.94Hz
1080i50	1920x1080i 50Hz
720p60	1280x720p 60Hz
720p59.94	1280x720p 59.94Hz
720p50	1280x720p 50Hz
480i59.94	1440x480i 59.94Hz
576i50	1440x576i 50Hz

Accessories



Power Adapter



Stereo Phone Jack (1 x 2)



RJ-45 to HDMI Adapter



RJ-45 to DVI Adapter



Power Adapter Fastener



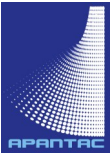
75 Ω Terminator



Mounting Screws

Trouble Shooting Q&A

- Q: There is no image on my DVI/HDMI
- A: Your monitor may not support the right resolution. The monitors must support 1920x1080, if the SDI input is 1080i or 1080p
- Q: There is no image on my monitor
- A: If your SDI source is 50 Hz, your monitor may not support 50 Hz
- Q: There is no image on my monitor
- A: Some monitor may not include the 5V necessary for the HDMI/DVI hot plug function to work properly. If you have eliminated the possibilities above, please call tech support at Apantac.
- Q: The image on my monitor looks really small
- A: If the input is standard definition or 720p and the monitor’s native resolution is 1920x1080 or 1920x1200, you will need to switch the monitor to full screen mode, instead of 1:1
- Q: My input is 1080i, but the image on my monitor looks squeezed.
- A: Some monitors sees 1080i as 540p, so it displays only 540 lines instead of 1080. Please consult the monitor’s user manual.



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